SN 10/792,090

In the Claims

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21. (New) A light guide plate comprising:

first and second main surfaces facing each other,

at least one lateral surface connecting the first and second main surfaces,

a plurality of first triangular prisms formed on the first main surface and aligned in a row to a first direction, each having a first vertex angle; and

a plurality of second triangular prisms formed on the second main surface and aligned in a row to a second direction, each having a second vertex angle different from the first vertex angle.

22. (New) The light guide plate of claim 21 wherein the first vertex angle is obtuse.

23. (New) The light guide plate of claim 21 wherein the first vertex angle ranges from 100° to about 120°.

24. (New) The light guide plate of claim 21 wherein the first vertex angle is about 108°/

25. (New) The light guide plate of claim 21 wherein the second vertex angle is obtuse.

26. (New) The light guide plate of claim 21 wherein the second vertex angle ranges from about 120° to about 140°.

27. (New) The light guide plate of claim 21 wherein the second vertex angle is about 135°.

28. (New) The light guide plate of claim 21 wherein the second direction is substantially perpendicular to the first direction and at least one of the triangular prisms has a curved vertex ridge of non-uniform height.

29. (New) The light guide of claim 21 wherein said first plurality of triangular prisms are elongated in said one direction and said second plurality of prisms are elongated in said second direction, wherein at least one surface of said elongated prisms has a concavo-convex surface.

30. (New) The light guide of claim 29 wherein one of said elongated prisms gradually increases in length toward a central portion of said light guide plate.

31. (New) A liquid crystal display comprising,

a liquid crystal display panel;

a backlight assembly;

a module that accommodates the liquid display panel and the backlight assembly;

wherein the backlight assembly comprises:

a light guide plate comprising:

first surface having a first light control pattern, the first pattern comprising a plurality of first prisms aligned in a row to a first

direction, the plurality of prisms having a first triangular cross-sectional shape; and

a second surface having a second light control pattern, the second pattern comprising a plurality of second prisms aligned in a row to a second direction, the plurality of second prisms having a second triangular cross-sectional shape,

wherein the first surface faces the second surface,

wherein the first triangular cross-sectional shape has a first vertex angle that is different from a second vertex angle of the second cross-sectional shape.